

SCHULTZ, H.

//ATOMKERNERGIE.//

--/--/1973, V0021, N0002, pp 0145-0148
Isopleths of dose of external radiation
following hypothetical reactor hazards
with emission of noble gases.
TIC-ORNL-TR-2856

19-Nov-74
Uncl (ORNL-tr--2856) Isopleths of dose of external γ -radiation following hypothetical reactor hazards with emission of noble gases. SCHULTZ, H.; VOELZ, E.
Translated by R.G. Mansfield from Ainskernenergie; 21: No. 2, 145-148(1973). 6p. Dep. NTIS \$4.00.

06R health and safety; 18I reactor hazards; translations
MN-41 P NSA

EICKELPASCH, N.
//ATOMKERNENERGIE.//
--/-/1965, V0010, V005-6, pp 0187-0190
Nuclear safety in the design of power
reactors.//
TIC-ORNL-TR
TIC-ORNL-TR-930

Uncl (ORNL-tr--930) Nuclear safety in the design of power reactors. EICKELPASCH, N. Translated from Atomkernenergie 10: No. 5-6, 187-190(1965). 15p.
Dep. NTIS \$3.00.

18I reactor control; 18I reactor engineering; 18I reactor safety; 18L reactors-power; translations
MN-80 P NSA

revision

//ASTROFIZIKA.//
--/1971, V0007, N0002, pp 0310-0313
Electromagnetic radiation of a rotating
magnetic multipole.
Y

TIC-CSIRO TRANS-11260

18-Oct-73
Uncl (CSIRO-Trans--11260) Electromagnetic radiation
of a rotating magnetic multipole. KAPLAN, S.A.; EIDMAN,
V.YA. Translated by G. Losonci from Astrofizika 7:
No. 2, 310-313(1971). 5p. Dep. NTIS (U.S. Sales Only)
\$3.00.

03B astrophysics; translations
MN-34b NP NSA

NTC 73-11980-20C

DUOMARCO, J.

//ARCH. URUG. MED. CIR. ESPEC.//
---/---/1937, V0010, N----, pp 0599-0606
Investigations of physio-pathology of
respiration. IV. Prolongation ~~of~~ of the
dead space as a practical means of obtaining
hyperventilation.

TIC-LF-TR-57

20-Aug-73

Unci (LF-tr--57) Investigations of physio-pathology
of respiration. IV. Prolongation of the dead space as
a practical means of obtaining hyperventilation.
DUOMARCO, J.; DIAZ-ROMERO, C. Translated by A. Valdivia
(Lovelace Foundation for Medical Education and Research,
Albuquerque, N. Mex. from Arch. Urug. Med., Cir. Espec.;
10: 599-606(1937). 5p. Dep. NTIS \$3.00.

06 biomed; translations
MN-48 P NSA

BERNHARD, F.

//ATOMPRAXIS//

--/---/1960, V0006, N----, pp 0154-0158

Process for the determination of the degree
of enrichment of uranium-235 from the
activities of uranium isotopes.

TIC-K-TRANS-65

25-Jul-73

Uncl (K-Trans--65) Process for the determination of
the degree of enrichment of uranium-235 from the α
activities of uranium isotopes. BERNHARD, F.;
BLUMENTRITT, G.; SCHINTLMEISTER, J. Translated from
Atompraxis; 6: 154-158(1960). 10p. Dep. NTIS \$3.00.

07 chemistry (analytical); translations
MN-4 P NSA

AYUKHANOV, A. KH.
//ATOMYE STOLKHOVENTIYA NA PEVERKHOSTI
TVERDOGOGO TELA.//

--/---/--, V----, N----, pp.
Atomic collisions on the surface of a solid body.
TIC-ORNL-TR-2815

25-Jul-74
Uncl (ORNL-tr--2815) Atomic collisions on the surface
of a solid body. AYUKHANOV, A.KH. (ED.). (AN
UZBEKSKOJ SSR, TASHKENT. INST. EHLEKTRONIKI). [nd].
Translation of Atomnye stolknoveniya na poverkhnosti
tvrdogo tela. Izdatel'stvo FAN Uzbekskoi SSR, Tashkent,
1972. 117p. Dep. NTIS \$9.00.

20L physics (solid-state); translations
MN-34 P NSA

BOMKO, V. A.
//UKRAINSKOJ SSR, KHARKOV. FIZIKI -TEKHNICHESKIJ
INSTITUT//

--/---/1972, V----, N----, pp.
Study of the characteristics of a mode linear
accelerator operating in a transformation-wave
mode.

TIC-LA-TR-73-53

Unc1 (LA-tr--73-53) Study of the characteristics of a linear accelerator operating in a transformation-wave mode. BOMKO, V.A.; KLIUCHAREV, A.P.; RUDIAK, B.I. (AN UKRAINSKOJ SSR, KHARKOV, FIZIKO-TEKHNICHESKIJ INST.)
1972. Translated by A. D. Cernicek from KHFTI--72-44.
15p. Dep. NTIS \$3.00.

20G particle accelerators; translations
MN-28 P NSA

SOKOLOV, V. E.

//BYULL MOSK. OBSHCH. ISPYT. PRIR., OTD. BIOL//

--/--/1955, V0060, N0006, pp 0045-0060

Structure of the integument of certain cetaceans.

ABC-NRC-TT-1627

18-May-73

Uncl ^{AEC} (NRC-TT--1627) Structure of the integument of certain Cetaceans. SOKOLOV, V.E. Translated by H.R. Hayes (National Research Council of Canada) from Byull. Mosk. Obschch. Ispyt. Prib., Otd. Biol.; 60: No. 6, 45 60(1955). 37p. Dep. NTIS (U.S. Sales Only) \$4.00.

06 biomed; translations
MN-48 NP NSA

LOTT, M.

//BULL. INFORM. SCI. TECH. //

--/---/1973,V----,N0181, pp 0051-0059

Calorimetric measurements of the energy released
by ^{235}U fission products for decay times between
70 and 7.16 seconds.

TIC-LA-TR-74-1

4-Feb-74

Uncl (LA-tr--74-1) Calorimetric measurements of the energy released by ^{235}U fission products for decay times between 70 and 7.16⁶ seconds. LOTI, M.; LHIAUBET, G.; DUFRECHE, F.; DEVILLERS, C.; DE TOURREIL, R. Translated by A. Vakar and J. Yarnell from ~~full Inform. Sci. Tech.~~ 20p. Dep. NTIS \$3.00. (Paris); No. 161, 51-59(1973).

18K reactor physics; translations
MN-80 P NSA

KIEFFER, R.
//BER. DEUT. KERAM. GES//
--/---/1969, V0046, N0009, pp 0486-0492
L Cermets: new developments
AEC-UCRL-TRANS-10673

HIC
Unci (UCRL-Trans-10673) Cermet: new developments.
Kieffer, R.; Eipeltauer, E.; Gugel, E. Translated from
Ber. Deut. Keram. Ges.; 46: No. 9, 486-492(1969). 24p.
Dep. NTIS.

11B ceramics; 11F metallurgy; translations

MN-25 P NSA

NTC 73-13467

LAVIELLE, L.
//BULL. SOC. CHIM FR.//
--/--/1973, V----, N0006, pp.
Solid state interaction between alkaline oxide
M₂O (M=Na, Li) and the oxide of chromium III.
TIC-BHVL-TR-102

Unc1 (BNWL-tr--102) Solid-state interaction between
alkaline oxide M_2O ($M=Na, Li$) and the oxide of chromium
III. LAVIELLE, L.; KESSLER, H.; HATTERER, A.
Translated by E.R. Appleby from Bull. Soc. Chim. Fr.; No.
6, 1919-1921(1973). 11p. Dep. NTIS \$3.00.

9-Jan-74

07B chemistry (inorganic); 18J reactor materials;
translations
MN-4 P NSA

revision

LAFEVRE, J.

//BULL. SOC. CHIM. FR.//

--/--/1971, V----, N----, pp

Equilibrium diagrams of zirconia- rare earth oxides.

AEC-TR-7463

18-Sep-73

Uncl (AEC-tr--7463) Equilibrium diagrams of zirconia-rare earth oxides. LEFEVRE, J.; PEREZ Y JOREA, M.; COLLONGUES, R. Translated from Bull. Soc. Chim. Fr.; 1969--1971(1959). 7p. Dep. NTIS \$3.00.

11F metallurgy; translations
MN-25 P NSA

LAURO, R.
//BOLL. SOC. ITAL. BIOL SPER.//
--/-/1967, V0043, N0010, pp 0578-0581
Observations on distribution and metabolism
of T₃ ¹²⁵I in man
AEC-NCR-TT-1618

AEC

Unc1 (NRC-TT--1618) Observations on the distribution
and metabolism of T_3 -- ^{125}I in man. Lauro, R.; Doglio,
R.; Dogliotti, L.; Negri, G.L. Translated by Y. Peluso
from *Boll. Soc. Ital. Biol. Sper.*; 43: No. 10, 578
581(1967). 6p. Dep. NTIS (U.S. Sales Only).

06 biomed; translations
MN-48 NP NSA

DOGLIC, R.

//BOLL. SOC. ITAL. BIOL. SPER.//
--/--/1967, V0043, N0010, pp 0574-0578
Distribution and metabolism of t. -125I
and T3 --125I in rats.

AEC-TT-1617

AEC
Uncl (NRC-TT--1617) Distribution and metabolism of T_4 - ^{125}I and T_3 - ^{125}I in rats. Doglic, R.; Dogliotti, L.; Fonzo, D.; Bajardi, P.; Mussa, A.; Lauro, R. Translated by Y. Peluso from Boll. Soc. Ital. Biol. Sper.; 43: No. 10, 574-578 (1967). 11p. Dep. NTIS (U.S. Sales Only).

06 biomed; translations
MN-48 NP NSA

TROUVE, J.

//BULL INFORM. SCI. TECH//

--/-/1973, V0000, N0182, pp 0061-0069

Sodium technology. Chemical, physical-chemical,
and metallurgical problems in the sodium--gas syst
system of the cover (gas). Materials in contact.

TIC-BNWL-TR-92

21-Jan-74
Uncl (BNWL-tr-92) Sodium technology. Chemical,
physical-chemical, and metallurgical problems in the
sodium-gas system of the cover (gas). Materials in
contact. TROUVE, J.; BAQUE, P.; CHAMPEIX, L.
Translated by E.R. Appleby from Bull. Inform. Sci. Tech.
(Paris); No. 182, 61-69(1973). 21p. Dep. NTIS \$3.25.
07D chemistry (physical); 11F metallurgy; 18J reactor
materials; translations
MN-79a P NSA

6-May-74
Uncl (AEC-tr--7532) Oklo phenomenon. NAUDET, M.
Translated from Bull. Inform. CETAMA; No. 4, 48-51(Nov
1973). 6p. Dep. NTIS \$4.00.
07 chemistry (analytical); 8G geology; translations
MN-11 P NSA

NAUDET, M.
//BULL INFORM. CETANA//
--/Nov/1973, V0000, N0004, pp 0048-0051
Oklo phenomenon.
AEC-TR- 7532
AEC -TR - 
AEC-TR_7532

BARBER, P.

//BULL. INFORM. SCI. TECH//

--/--/1972, V0000, N0167, pp 0021-0027

Control of the water--steam circuit of a
nuclear power station.

AEC- LIB/TRANS- 497

AEC
Uncl (LIB/Trans--497) Control of the water--steam
circuit of a nuclear power station. Barber, P.
Translated by N.S. Stewart from Bull. Inform. Sci. Tech.
(Paris); No. 167, 21-27(1972). 11p. Dep. NTIS (U.S.
Sales Only) \$3.00.

18I reactor control; 18I reactor cooling; 18L reactors
power; translations
MN-80 MP NSA

9

HOPF, E.

//BER. VERH. SAECHS. AKAD. WISS. LEIPZIG,
MATH.-NATURWISS.//

22/3/1942, V0094, N0000, pp. 0024

Branching of a periodic solution from a
stationary solution of a differential system.

TIC-LA-TR-73-26

11-Oct-73
Uncl (LA-tr--73-26) Branching of a periodic solution
from a stationary solution of a differential system.
HOPF, E. Translated from Ber. Verh. Sachs. Akad.
Wiss. Leipzig, Math.-Naturwiss. Kl.; 94: 3-22(1942).
24p. Dep. NTIS \$3.25.

12 mathematics; translations
MN-32 P NSA

GRANACHER, J.

//ARCH EISCHHUELTENW//

--/--/1972, V0043, N0009, pp 0699-0704
Examination of methods for extrapolating
rupture strength of heat resistant steels.
TIC-ORNL-TR-2757

Uncl (ORNL-tr--2757) Examination of methods for
extrapolating rupture strength of heat resistant steels.
GRANACHER, J.; WIEGAND, H. Translated by R.G. Mansfield
from Arch. Eisenhuettenw.; 43: No. 9, 699-704(1972).
13p. (CONF-7205105--1). Dep. NTIS \$3.00.
From International meeting on properties of high
temperature steels; Dusseldorf, F.R. Germany (3 May
1972).

2-May-74

11F metallurgy; translations
MN-25 P NSA

SOBOTKA, J.

//ARCH. EISENHUETTENW//

--/--/1972, V0043, N0005, pp 0427-0429
Stress-rupture of weld metal in the weld seams
of low-alloy temperature-stabilized.
TIC-ORNL-TR-2752

13-Mar-74

Unci (DRNL-tr--2752) Stress-rupture of weld metal in
the weld seams of low-alloy temperature-stabilized
steels. SOBOTKA, J.; PRNKA, T. Translated by Robert
H. Kernohan from Arch. Eisenhuettenw.; 43: No. 5, 427-
429(1972). 5p. Dep. NTIS \$3.00.

11F metallurgy; translations
MN-25 P NSA

RUTTMAN, W.

//ARCH. EISENHUTTENW//

--/--/1967, V0038, V0004, pp 0301-0307

Effect of the stabilization austenitic high-
temperatuion-strength steel with about 16
percent Cr., 13 to 16 percent Ni, 2 percent Mo,
and addition of niobium.

TIC-ORNL-TR-2753

27-Feb-74
Uncl (ORNL-tr--2753) Effect of the stabilization ratio on the creep and precipitation behavior of austenitic high-temperature-strength steel with about 16 percent Cr, 13 to 16 percent Ni, 2 percent Mo, and addition of niobium. RUTTMAN, W.; GERLACH, H.; KAUTZ, H.R. Translated by E. G. Silver from Arch. Eisenhuettenw., 38, No. 4, 301-307 (Apr 1967), 27p.
Dep. NTIS \$3.50.

11F metallurgy; translations
MN-25 P NSA

AEC
Uncl (UCRL-Trans--1476(Pt.1)) Incorporation
experiments in synthetic mullite. Part I. Gelsdorf,
G.; Schwiete, H.-E. Translated for Univ. of California,
Lawrence Berkeley Lab., Berkeley, from Arch.
Eisenhuettenw.; 27: No. 12, 807-811(1956). 8p. Dep.
NTIS.

11F metallurgy; translations
MN-25 P NSA

GEISDORF, G.

//ARCH EISENHUETTENW//

--/--/1956, V0027, NC012, pp 0807-0811

Incorporation experiments in synthetic

mullite. Part I

AEC-UCRL-TRANS-1486

26-Nov-73
Unci (BNWL-tr--90) Vascular regulation mechanisms on
the testes. HUNDEIKER, M. Translated from Arch.
Dermatol. Forsch.; 245: 229-244(1972). 18p. Dep.
NTIS \$3.00.

06 biomed; translations
MN-48 P NSA

HUNDEIKER, M.

//ARCH DERMATOL. FORSCH.//

--/---/1972, V0245, N----, pp 0229-0244

Vascular regulation mechanisms on ~~data~~ the
testes.

TIC-KNWL-TR-90

L

PARIKIS, E. S.

//AN UZBEKSOJ SSR, TASHKENT. INST EHLEKTRONIKI//
---/---/1969, V----, N----, pp.

Auger effect

TIC-ORNL-TR-2814

1-Jul-74
Uncl (ORNL-tr--2814) Auger effect. PARILIS, E.S.
(AN UZBEKSKOJ SSR, TASHKENT. INST. EHLEKTRONIKI). 1969.
Translated from Russian. 146p. Dep. NTIS \$10.50.

20H physics (nuclear); translations
MN-34e P NSA

15-Aug-74
Uncl (BNL-tr--568) 20-mA injector of H- ions.
DIMOV, G.I.; ROSLYAKOV, G.V. (AN SSSR, NOVOSIBIRSK.
INST. YADERNOJ FIZIKI). [nd]. Translation by S.J.
Amoretti of IYAF--56-73. 7p. Dep. NTIS \$4.00.

20G particle accelerators; translations
MN-28 P NSA

DIMOV, G. I.
//AN SSR NOVOSIBIRSK INST. YADEFFNOJ FIZIKI//
---/---/---, V----, N----, pp.
20-mA injector of H- ions.
TIC-BNL-TR-68
TIC-BNL-TR-568

15-Aug-74
Unci (BNL-tr--570) Formation of negative hydrogen and
helium beams by charge exchange in sodium vapor. DIMOV,
G.I.: ROSLYAKOV, G.V. (AN SSSR, NIVOBOSIBIRSK. INST.
VADERNOJ FIZIKI, [no]). Translation by S.J. Amoretti
of IYAF--75-73. 13p. Dep. NTIS \$4.00.

20 physics; translations
MN-34 P NSA

DIMOV, G. I.
//AN SSSR, NOVOSIBIRSK. INST. YADERNOJ FIZIKI//
--/-/-, V----, N----, pp.
Formation of negative hydrogen and helium beams
by charge exchange in sodium vapor.
TIC-BNL-TR-570

1-Oct-74
Uncl (ORNL-tr--2798) "Cascade" program for
modelling the interaction of high-energy photons with
atomic nuclei. EMETS, N.L.; LUB' SKI, G.YA.; RANYUK,
YU.N.; SOROKIN, P.V. (AN UKRAINE SSR, KHARKOV,
FIZIKO-TEKHNICHESKIJ INST.), [no.]. Translation of
KHFTI--72-37. 13p. Dep. NTIS \$4.00.

09B computers; 20H physics (particle); translations
MN-34d P NSA

LUBARSKI, G. YA.
//AN UKRAINSOJ SSR, KHARKOV. FIZIKI-TEKHNICHESKIJ
INST.//
---/---, V----, N----, pp;
"Cascade" program for modelling the interaction
of high-energy photons with atomic nuclei.
TIC-ORNL-TR-2798

Unci (SLA-73-6003) Research on the parameters and dynamics of laser plasma. Boiko, V.A.; Krokhin, O.N.; Sklikov, G.V. (AN SSSR, Moscow. Fizicheskij Inst.). Translation of Preprint No. 121 Sep 1973. 94p. Dep. NTIS \$6.75.

physics (plasma); translations 201

MN-20 P NSA

BOIKO, V. A.
//AN SSSR, MOSCOW. FIZICHESKIJ INST.//
--/Sep/1973,V----,N0121, pp.
Research on the parameters and dynamics of
laser plasma.
TIC-SLA-73-6003

4-Mar-74

Uncl (BNL-tr--558) Possibility of reconciling the disparity between theoretical predictions and experimental observation of solar neutrinos. KOCHAROV, G.E. (AN SSSR, INSTITUTE OF FIZIKO-TEKHNICHESKIJ INST.). 1973. Translated by S. J. Amoretti from report 453. 7p. Dep. NTIS \$3.00.

03B astrophysics; 20H cosmic radiation; translations
MN-34b P NSA

KOCHAROV, G,

KOCHAROV, G. E.

//AN SSSR, FIZIKO-TEKNICHESKIJ INST.//

--/-/1973,V----,N----, pp.

Possibility of reconciling the disparity
between theoretical predictions and
experimental obervation of solar neutrinos.

TIC-BNL-TR-558

GOLENETS IK
GOLENETSKII, S.V.

//AN SSSR, FIZIKI-TEKHNICHESKIJ.//

--/Feb/1974, V----, N----, pp.

Determination of efficiency and directional
response of cosmic gamma-radiation detectors.

TIC-LA-TR-74-5

6-May-74

Uncl (LA-trr-74-5) Determination of efficiency and
directional response of cosmic gamma-radiation detectors.
GOLENETSKII, S.U.; IL'INSKII, V.N.; MAZETS, E.P. (AN
SSSR, MGOMR. FIZIKO-TEKHNICHESKIJ INST.). Feb 1974.
Translation by H.J. Dahlby of FTI--455. 22p. Dep.
NTIS \$4.25.

18D Instrumentation; translations
MN-37 P NSA

3-Jun-74

Uncl (JPRS--61878) Diagnostics of dense laser plasmas
and superdense hot plasmas. (AN SSSR, M~~OSCOW~~
FIZICHESKIJ INST.). 1 May 1974. Translation of
Preprints No. 145 and No. 173. 33p. NTIS.

20I physics (plasma); translations
MN-20 NP NSA

UNKNOWN

//AN SSSR, FIZICHESKIJ INST, //

1/May/1974, V----, N----, pp.

Diagnostics of dense laser plasma and superdense
hot plasma.

TIC-JPRS-61878

30-Nov-73

Uncl (BNL-tr--547) Production of radiation by a charged particle moving through a continuous periodic medium. GARIBYAN, G.M.; YANG, C. (AN ARMYANSKOJ SSR, K. N. INST. FIZIKI). 1973. Translated by S.J. Amoretti from EFI--16(73). 36p. Dep. NTIS \$4.00.

20 physics; translations
MN-34 P NSA

GARIBYAN, G. M.

//AN ARMYANSKOJ SSR, INST. FIZIKI//
--/-/1973, V----, N----, pp.

Production of radiation by a charge particle
moving through a continuous periodic medium/
TIC-BNL-TR-547

PICARD, J.

//ANN BIOL. CLIN.//

--/---1973, V0031, N002, pp 0077-0086

Structure of normal and pathological lipoproteins.

AEC-UCRL-TRANS-10712

PIC
Uncl (UCRL-Trans--10712) Structure of normal and pathological lipoproteins. PICARD, J.; WEISSIERE, D.; AYRAULT-JARRIER, M. Translated from Ann. Biol. Clin. (Paris); 31: No. 2, 77-86(1973). 25p. Dep. NTIS \$4.25.

06 biomed; 07C chemistry (organic); translations
MN-4 P NSA

BOEHM, G.
//ACTA MET.//
--/---/1964, V0012, N----, pp 0642-0648
Internal oxidation of metal alloys.
TIC-ORNL-TR-2700

4-Feb-74

UncI (ORNL-tr--2700) Internal oxidation of metal
alloys. BOEHM, G.; KAHLWEIT, M. Translated from Acta
Met.; 12: 641-648(1964). 16p. Dep. NTIS \$3.00.

IIF metallurgy; translations
MN-25 p NSA

16-Aug-73

Uncl (LA-tr--73-21) Pulse fluorometry: a new flow process for ultra-quick quantitative analysis of cell components. GOEHDE, W.; DITTRICH, W. Translated from Acta Histochem. Suppl.; No. 10, 429-437(1971). 13p.
Dep. NTIS \$3.00.

06 biomed; translations
MN-48 P NSA

GOEHDE, W.
//ACTA HISTOCHEN.SUPPL.//
--/---,V----,N0010, pp 0429-0437
Pulse fluorometry: a new flow process for
ultra-quick quantitative analysis of cell
components.
TIC-LA -TR-73-21

CLEMENT, G.

//ACTA ELECTION.//

--/--/1972, V0015, N0004, pp 0369-0371
Micromachined licoscope: a high temporal
resolution sweep tube for study of light
phenomena in the subnanosecond range.
TIC-UCRL-TRANS-10706

18-Oct-73

Unci (UCRL-Trans--10706) Microchannel Picoscope: a high temporal resolution sweep tube for study of light phenomena in the subnanosecond range. CLEMENT, G.; DELMARE, C.; LOTY, C. Translated from Acta Electron.: 15: No. 4, 369-371(1972). 7p. Dep. NTIS \$3.00.

09 electronics and electrical engineering; translations
MN-38 P NSA

GUINIER, A.
//ACTA CRYSTALLOGR.//
--/---/1952, V000, N----, pp 0121-0129
Interpretation of abnormal scattering of x
rays by age-hardening alloys.
TIC-ORNL-TR-2639

15-Aug-73

Unci (ORNL-tr--2639) Interpretation of abnormal
scattering of x rays by age-hardening alloys. GUINIER,
A. Translated by R.G. Mansfield from Acta Crystallogr.:
5: 121-129(1952). 32p. Dep. NTIS \$3.75.

20B crystallography; translations
MN-34 P NSA

WITTENBERGER, K.

//ACTA BIOTHEOR.//

---/---/1958, V0018, N----, pp 0037-0103

Physiological aspect of evolution.

TIC-ORNL-TR-2820

8-Aug-74
Uncl (ORNL-tr--2820) Physiological aspect of
evolution. WITTENBERGER, K. Translated by R. G.
Mansfield from Acta Bi theor.; 13: 87-103(1958). 14p.
Dep. NTIS \$4.00.

C6 biomed; translations
MN-48 P NSA

KUHN, E.
//ACQUA IND.//
--/--/1966, V0008, N0041, pp 0006-0012
Hydrazine in boiler water.
AEC-TR-7517

13-Mar-74
Uncl (AEC-tr--7517) Hydrazine in boiler water.
KUHN, E. Translated from Acqua Ind.; 8; No. 41, 6-
12(1966). 14p. Dep. NTIS \$3.00.

11F corrosion; 13 engineering; translations
MN-38 P NSA

BUDKER, G. I.
//AKADEMIIA NAUK SSSR, NOVOSIBIRSK. INSTITUT
YADERNOI FIZIKI//
--/-/1973, V----, N----, pp.
Experiments in confining a plasma in a
multimirror magnetic trap.
TIC-MATT-TRANE-108

23-Aug-73

Unc1 (MATT-Trans--108) Experiments in confining a plasma in a multimirror magnetic trap. BUDKER, G.I.; DANILOV, V.V.; KRUGLYAKOV, E.P.; RYUTOV, D.D.; SHUN'KO, E.V. (AKADEMIYA NAUK SSSR, NOVOSIBIRSK, INSTITUT YADERNOI FIZIKI). 1973, Translation of IYAF--22-73. 32p. Dep. NTIS \$3.75.

18A fusion devices (thermonuclear); translations
MN-20 P NSA

Unclassified (SLAC-Trans--151) Collective instability of compensated colliding beams. Derbenev, Ya.S. (AKADEMIYA NAUK SSSR, NOVOSIBIRSK. INSTITUT YADERNOI FIZIKI). Translation of IYAF-70-72. CONF-721029--5.

1972. 10p. Dep. NTIS.

From 3. all-union national conference on particle accelerators; Moscow, USSR (2 Oct 1972).

20G particle accelerators; translations
MN-28 P NSA

DERBENEV, YA. S.

//AKADEMIYA NAUK SSSR, NOVOSIBISK. INSTITUT

YADERNOI FIZIKI//

--/--/1972, V----, N----, pp.

Collective instability of compensated colliding
beams.

AEC-SIAC-TRANS-151

AEC
UncI (SLAC-Trans--152) Phase effects of interacting
colliding bunches in strong-focussing storage rings.
Derbenev, Ya.S.; Skrinskii, A.N. (AKADEMIYA NAUK SSSR,
NOVOSIBIRSK. INSTITUT YADERNOI FIZIKI). Translation of
IYAF--71-72. CONF-721029--6. 1972. 10p. Dep. NTIS
\$3.00.

From 3. all-union national conference on particle
accelerators; Moscow, USSR (2 Oct 1972).

20G particle accelerators; translations
MN-28 P NSA

DERBENVE, YA. S.
//AKADEMIYA NAUK SSSR, NOVOSIBIRSK. INSTITUT Y
YADERNOI FIZIKI//
--/--/1972, V----, N----, pp.
Phase effects of interacting colliding bunches
in strong-focussing storage rings.
AEC-SLAC-TRANS-152

AEC
Uncl (UCRL-Trans--10672) Obtaining an intense beam of
H⁻ ions from a discharge in crossed fields. (AKADEMIYA
NAUK SSSR, NOVOSIBIRSK. INSTITUT YADERNOI FIZIKI).
Translation of TYAF--66-72. 1972. 14p. Dep. NTIS.

20G particle accelerators; translations
MN-28 P NSA

UNKNOWN

//AKADEMIYA NAUK SSSR, NOVOSIBIRSK. INSTITUT
YADERNOI FIZIKI//

--/--/1972, V----, N----, pp.

Obtaining an intense beam of H- ions from
a discharge in crossed field.

AEC-UCRL-TRANS-10672

Unc¹ ^{HEC} (MATT-Trans--110) Electron runaway regime of
Tokamak T-6 discharges. VLASENKOVA, V.S.; LEONOV, V.M.;
MEREZHIN, V.G.; MUKHOVATOV, V.S. (AKADEMIYA NAUK SSSR,
MOSCOW. INSTITUT ATOMNOI ENERGII). Apr 1973.
Translation of IAE--2205. 26p. Dep. NTIS \$3.50.

18A fusion devices (thermonuclear)
MN-20 P NSA

VLAZENKOV, V. S.

//AKADEMIYA NAUK SSSR, MOSCOW INSTITUT ATOMNOI
ENERGII//

--/Apr/1973, V----, N----, pp.

Electron runway regime of tokamak T-6 discharge.

AEC-MATT-TRANS-110

AEC

Uncl (SLA--73-194) Nonlinear amplification of high power light pulses in active media shaped like funnels.
Popova, N.B.; Senatskii, Yu.V.; Tyurin, E.L.; Shcheglov,
V.A. (AKADEMIYA NAUK SSSR, MO~~DN~~W. FIZICHESKII
INSTITUT). Translated by P. Newman (Sandia Labs.,
Albuquerque, NM), from Preprint No. 132. 5 Sep 1972.
44p. Dep. NTIS.

20 physics; translations
MN-34 P NSA

REVISED

March 19, 1973

POPOVA, N. B.
//AKADEMIYA NAUK SSSR, FIZICHESKII INSTITUT.//
5/Sep/1972, V----, NO132, pp.
Nonlinear amplification of high power light
pulses in active media shaped like funnels.
AEC-SIA-73-194

UNKNOWN

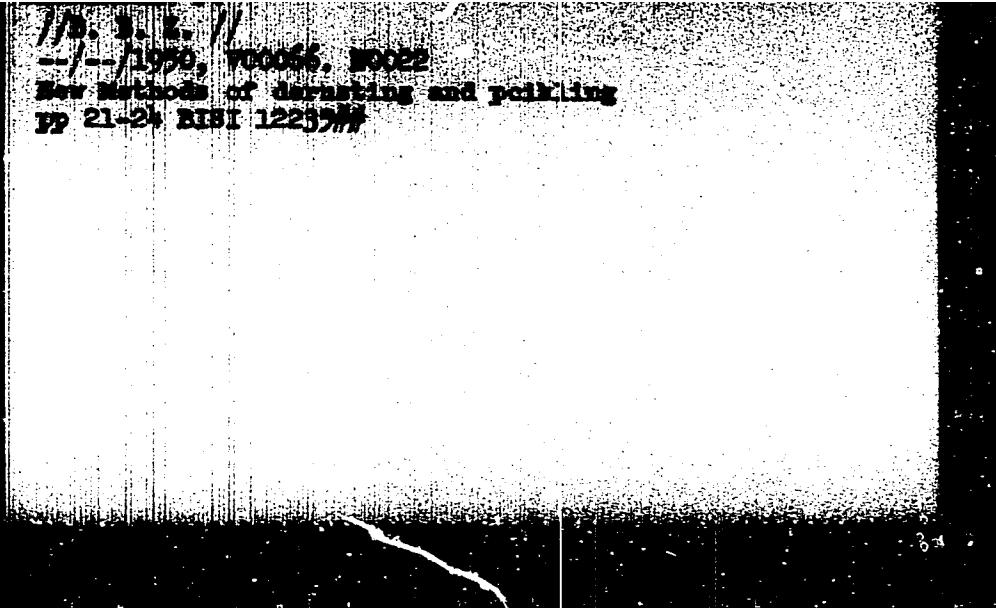
//AL-BAHRAYN//

09/09/1974,V----,N----, pp 0010-0013

Unexpected Surge in Power Consumption Forces
Change in Plan 6 pp

JPRS 63519

"



Schindler, A. et al

The Use of High-Speed Steels for Cold-Working.
BHM, Vol. 19, No. 11, pp.458-62.

BISI 11128

Koing, H.

The Economic Outlook for the Electric Pig-
Iron Process.
BHM., 1971, Vol.116, No.7, pp.248-51.
BISI 11108

Listhuber, F. et al

Hydrogen diffusion in mild steels with special
reference to their behaviour during enameling.

B.H.M. 1971, Vol.116, No.11.

*BISI 12186

K. Woltron
Weld Embrittlement in Ferritic Chromium Steels, by
K. Woltron.
BM, 1971, Vol 116, Nov., pp 426-437.
BISI 10289

April 73

Fuschlberger, V.

Transport Costs in Iron and Steel Works.
BHM, 1972, Mar., pp.59-68.
BISI 10426

Hiebler, H.

Influence of Production Conditions on Properties
of Sulphur Alloyed Free Cutting Steels.

B.H.M. 1972, Vol.117, pp.301-317.

BISI 11999

Eggenhofer, A. et al

Optimization of the Refining Process and Slag
Reduction in the Manufacture of Oxygen-Blown
Austenitic CrNi Steels.
EHM, 1972, Nov. pp.359-370.
BISI 11221

HORVATH, G.

//B14//

--/--/1972, VOL17, NO011,
Influence of Structure, Particularly Graphite
Formation, on the Life of Thick-Walled, Lamellar
Graphite Cast Iron Steelplant Moulds,

pp 371-383, BISI 11217@